TITLE
FUEL - FUEL LINE INSPECTION

EFFECTIVITY
Group A Airplanes:
The airplanes that follow were delivered with suspect fuel lines installed:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SERIAL NUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>172S</td>
<td>17281616 thru 17281619</td>
</tr>
<tr>
<td>182T</td>
<td>18282331 thru 18282343, 18282345 thru 18282356</td>
</tr>
<tr>
<td>T182T</td>
<td>T18209072, T18209074, T18209076 thru T18209081 thru T18209086</td>
</tr>
<tr>
<td>206H</td>
<td>20608340 thru 20608347</td>
</tr>
<tr>
<td>T206H</td>
<td>T20609057 thru T20609072, T20609075, T20609077</td>
</tr>
</tbody>
</table>

Group B Airplanes:
The airplanes that follow if replacement suspect fuel lines have been installed as spares that were shipped from Cessna between March 12, 2012 and November 15, 2012:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SERIAL NUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>172R</td>
<td>172S8001 thru 172S11248</td>
</tr>
<tr>
<td>172S</td>
<td>17280001 thru 17281619</td>
</tr>
<tr>
<td>182S</td>
<td>18280001 thru 18280944</td>
</tr>
<tr>
<td>182T</td>
<td>18280945 thru 18282356</td>
</tr>
<tr>
<td>T182T</td>
<td>T18208001 thru T18209086</td>
</tr>
<tr>
<td>206H</td>
<td>20608001 thru 20608347</td>
</tr>
<tr>
<td>T206H</td>
<td>T20608001 thru T20609077</td>
</tr>
</tbody>
</table>
Also affected are suspect fuel lines in Authorized Service Facility stock.

Below is a list of the part numbers of suspect tubes sold by Cessna from March 12, 2012 through November 15, 2012:

- 0500423-66
- 0500423-76
- 0700099-130
- 0700806-4
- 1200406-189
- 1200406-190
- 1200406-195
- 1200406-257
- 1200904-5
- 1200904-6.

REASON

Cessna has received reports of fuel seepage at 0.5-inch fuel line flared connections. All reports involved fuel line assemblies with an in service time of less than 10 flight hours.

DESCRIPTION

This service letter provides instructions to do an inspection for seepage at the suspect 0.5-inch fuel line flared connections. If seepage is found, the fuel line assembly is replaced.

COMPLIANCE

MANDATORY. This service letter must be accomplished at the next complete aircraft inspection (annual or 100-hour inspection), whichever occurs first.

REFERENCES

Applicable maintenance manuals and illustrated parts catalogs

ACCOMPLISHMENT INSTRUCTIONS

1. Prepare the airplane for maintenance.
   A. Make sure that the airplane is electrically grounded.
   B. Make sure that all switches are in the OFF/NORM position.
   C. Disconnect electrical power from the airplane.
      (1) Disconnect the airplane battery.
      (2) Disconnect external electrical power.
   D. Attach maintenance warning tags to the battery and external power receptacle that have "DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS" written on them.

2. Get access to the fuel lines. (Refer to the applicable maintenance manual, Chapter 6, Access / Inspection Plates - Description and Operation and Chapter 25, Interior Upholstery - Maintenance Practices.)

3. With a flashlight and a mirror, do an inspection of the 0.5 inch fuel lines installed in the airplane. (Refer to the applicable maintenance manual, Chapter 28, Fuel Storage and Distribution - Maintenance Practices.)
   A. If there is no seepage, go to Step 4.
   B. If there is seepage at one or more of the fuel lines, replace the fuel line: (Refer to the applicable maintenance manual, Chapter 28, Fuel Storage and Distribution - Maintenance Practices.)
      (1) Keep the removed fuel line as field scrap.
      (2) Replace the fuel line as necessary to stop all seepage. (Refer to the applicable maintenance manual, Chapter 28, Fuel Storage and Distribution - Maintenance Practices.)
(3) Do a check for leaks in the fuel system.
(4) Do a check for the correct operation of the fuel system.

4. Install the access plates and interior panels and close the cowling that you removed for access. (Refer to the applicable maintenance manual, Chapter 6, Access / Inspection Plates - Description and Operation and Chapter 25, Interior Upholstery - Maintenance Practices.)

5. Remove the maintenance warning tags and connect the airplane battery.

6. Make an entry in the airplane logbook that states compliance and method of compliance with this service letter.

MATERIAL INFORMATION

Refer to the applicable illustrated parts catalog.
TITLE
FUEL - FUEL LINE INSPECTION

TO:
Cessna Skyhawk, Skylane, or Stationair Owner

REASON
This owner advisory is to inform you that SEL-28-01 has been issued. Cessna has received reports of fuel seepage at 0.5-inch fuel line flared connections. All reports involved fuel line assemblies with an in service time of less than 10 flight hours. SEL-28-01 provides instructions to do an inspection for seepage at the suspect 0.5-inch fuel line flared connections. If seepage is found, the fuel line assembly is replaced.

COMPLIANCE
MANDATORY. This service letter must be accomplished at the next complete aircraft inspection (annual or 100-hour inspection), whichever occurs first.

LABOR HOURS
All labor hours are based on the work being accomplished during the next complete aircraft inspection (annual or 100-hour inspection).
If required for fuel line replacement, 3.0 man-hours to defuel/refuel the airplane.
If necessary, man-hours as follows for each fuel line assembly that must be replaced in areas specified:

- 172 rear door posts - 1.0 man-hour
- 172 front door posts - 1.0 man-hour
- 172 below door sill (under floorboards) - 2.0 man-hours
- 172 front floorboards from forward end of seat rails to firewall - 2.0 man-hours
- 182 rear door posts - 1.5 man-hours
- 182 front door posts - 1.5 man-hours
- 182 below door sill (under floorboards) - 4.0 man-hours
- 182 front floorboards from forward end of seat rails to firewall - 2.0 man-hours
- 206 rear door posts - 1.5 man-hours
- 206 front door posts - 1.5 man-hours
- 206 below door sill (under floorboards) - 3.0 man-hours
- 206 front floorboards from forward end of seat rails to firewall - 3.0 man-hours.

WARRANTY

Group A Airplanes: For all airplanes identified within the serial effectivity:

Group B Airplanes: Airplanes with fuel lines installed as spares shipped from Cessna between March 12, 2012 and November 15, 2012, and supported with a copy of 8130-3:

If necessary, applicable parts credit and a labor allowance credit of man-hours as follows will be provided for each fuel line assembly that must be replaced in areas specified:

- 172 rear door posts - 1.0 man-hour
- 172 front door posts - 1.0 man-hour
- 172 below door sill (under floorboards) - 2.0 man-hours
- 172 front floorboards from forward end of seat rails to firewall - 2.0 man-hours
• 182 rear door posts - 1.5 man-hours
• 182 front door posts - 1.5 man-hours
• 182 below door sill (under floorboards) - 4.0 man-hours
• 182 front floorboards from forward end of seat rails to firewall - 2.0 man-hours
• 206 rear door posts - 1.5 man-hours
• 206 front door posts - 1.5 man-hours
• 206 below door sill (under floorboards) - 3.0 man-hours
• 206 front floorboards from forward end of seat rails to firewall - 3.0 man-hours.

All labor allowance credit of man-hours are based on the work being accomplished during the next complete aircraft inspection (annual or 100-hour inspection). No labor allowance credit will be given for the gaining of access for the inspection.

If required for fuel line replacement, 3.0 man-hours to defuel/refuel the airplane.

Freight will be credited at the most economical method unless pre-approved by Cessna. For pre-approval contact Cessna Service Parts and Programs Warranty Administration at telephone: 316-831-4296, fax: 316-206-2746 or e-mail: cpd2claims@cessna.textron.com.

To receive credit the work must be completed and a warranty claim submitted, with supporting document if applicable, by a Cessna Single Engine Authorized Service Facility within 30 calendar days of service bulletin compliance before the credit expiration dates shown below.

  Domestic  ..................................................March 15, 2014
  International .............................................March 15, 2014

Please contact a Cessna Authorized Service Facility for detailed information and arrange to have Cessna service letter SEL-28-01 accomplished on your airplane.

**Special Note to Authorized Service Facilities:**

When you complete the warranty claim, the labor allowance claimed shall be itemized for each above action completed.

**NOTE:** As a convenience, service documents are now available online to all our customers through a simple, free-of-charge registration process. If you would like to sign up, please visit the "Customer Access” link at www.cessnasupport.com to register.